



2009 IAP BriX day: June 15, 2009

The IAP day will be held on Monday June 15, 2009 in the lecture room of the Instituut voor Kern- en Stralingsfysica, Departement Natuurkunde en Sterrenkunde, Celestijnenlaan 200 D, B-3001 Leuven (room 03.84) (see our website www.fys.kuleuven.be/iks how to reach campus).

The aim of the meeting is twofold.

1. Presentation of the progress during 2008 within the present network (presentations preferably by PhD students and post-docs).
2. General discussion on the scientific program and on the practical organisation of the network.

Programme

Start	End	Speaker	Title
10h	10h05	P. Van Duppen	Introductory remarks
Session 1			
10h05	10h25	P. Vingerhoets	Laser spectroscopy of neutron-rich copper isotopes
10h25	10h45	T. Cocolios	Exotic and precise: the magnetic dipole moment of ^{57}Cu by in-source laser spectroscopy
10h45	11h05	E. Fiori	Magnetic moment of the 2^+ state in the neutron-rich radioactive ^{72}Zn using the high velocity transient-field technique
11h05	11h25	M. De Rydt	Precision measurement of the electric quadrupole moment of ^{31}Al
11h25	11h45	coffee	
Session 2			
11h45	12h05	A. Damman	Continuum states of light nuclei by the 3-body microscopic clusters model
12h05	12h25	T. Druet	Elastic scattering with CDCC method
12h25	12h45	J. Buscher	Beta decay studies of ^{11}Be and ^8B with an implantation technique
12h45	13h05	P. Capel	Flubber experiment: testing the extraction of radiative-capture cross sections from Coulomb-breakup measurements
13h05	14h	Sandwich Lunch	
Session 3			
14h	14h20	J. Wagemans	ISOL@MYRRHA: an exotic island in Mol
14h20	14h40	D. Pauwels	Nuclear physics at ISOL@MYRRHA
14h40	15h	L. Popescu	Thermal neutron-induced fission cross sections of Cm isotopes
15h	15h20	S. Vermote	Neutron induced reaction measurements at Gelina and at the high flux reactor of the ILL Grenoble
15h20	15h40	F. Wauters	Search for tensor type weak currents by measuring the beta asymmetry parameter in nuclear beta decay
15h40	16h10	K. Heyde	Nuclear structure results from Ghent
16h10	16h30	coffee	
Session 4			
16h30	17h	M. Gorska	Recent results from RISING experiments
17h	17h25	J. Diriken	One-neutron transfer reaction in the neutron rich Ni region using REX-ISOLDE
17h25	17h50	N. Bree	Shape coexistence in the lead region investigated by Coulomb excitation
17h50	18h00	P. Van Duppen	Concluding comments
18h	19h		Steering committee (closed)